

Josh Obersteadt

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JavaScript | Node.JS | React.JS | Python | Flask | Django | Java | SQL

Personal Summary

Graceland University honors student dual majoring in Computer Science and Data Science. Member of the Ackerley Scholars Honors Program, participate in hackathons, coding competitions and present a yearlong project every year and Graceland's baseball player. Built web and mobile apps and looking to expand my knowledge base and gain real experience.

EDUCATION

Bachelor of Computer Science and Data Science Degree, Graceland University May, 2026 3.80 GPA

- Receiving honor roll every semester I have learned a variety of skills through my classes including optimizing programs, object-oriented programming, database concepts, and programming in SQL, Python, and Java.

IBM FULL STACK SOFTWARE DEVELOPER PROFESSIONAL CERTIFICATE, Coursera December, 2023

- Earning this certification demonstrates proficiency in a diverse range of programming concepts, encompassing the development of full-stack websites using either Django or Flask.
- It involves expertise in containerization and database management, as well as the creation of full stack programs.

PROFESSIONAL EXPERIENCE HIGHLIGHTS

Data Science Intern, SkillPath June 2024 - August 2024

- Optimized future course scheduling to maximize profits using historical trends.
- Developed reports showcasing previously hidden analytics on different courses.
- Generated in-depth reports providing detailed measures to be taken to improve profits generated based on trends in historical data.

SOFTWARE ENGINEER INTERN, GRACELAND UNIVERSITY May 2023 - May 2024

- Developed and deployed a dynamic site and mobile app that generated content based on a database that was fed from multiple sites using API calls.
- Gathered user statistics from a variety of online library resources into a centralized database. Then deployed a dynamic page that generated easy to understand infographics and statistics.
- Trained a machine learning script to predict the major academic of the university student accessing that resource based off the title.

IT STUDENT WORKER, GRACELAND UNIVERSITY December 2022- January 2023

- Assisted in updating legacy code.
- Assisted in maintaining and repairing devices.
- Provided in-depth expertise to assist in technical malfunctions.

Projects and Extracurriculars

University Social Media Site - JavaScript: Developed a social media platform that acted as a student portal allowing users to create a specialized feed by following the accounts of different organizations on campus.

Automatic Content Creator- Python: Automated the creation of a specific type of content called Reddit Stories using a variety of tools including API calls, docker set up and the use of multiple Python libraries.

News Reads Mobile- Java: Made accessing news stories more accessible by generating MP3 stories from a variety of news sites using web scraping and android's built-in text to speech software then storing on the mobile device.